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TC184/SC4

## SC4 Data Architecture PWI

- Data architecture PWI was approved by SC4 in San Diego (June 1997)
- Over the last 18 months there have been:
  - a number of workshops
  - a number of proposals for the structure, technical content, and usage of a data architecture for SC4
- Where next?

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## SC4 Data Architecture PWI

- PWI workplan identifies a number of deliverables:
  - documents
  - demonstrations
- Resources to support the work are limited
- **Proposal:** submit New Work Item Proposals, leading to Technical Specifications, for the core elements of the data architecture

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## Benefits

- Focus on deliverables as *experimental* standards
  - release key specifications for trial use in industry within 18 months of NWI approval
- Constrained scope:
  - initially based on the EXPRESS language
  - limited initially to the needs of integrating standards for industrial data (not “life, the universe, and everything”)
  - better alignment with other SC4 work (modularization, “STEP 2000”, etc.)
- May help to secure additional resources/funding

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## What is proposed

- A new standard ISO xxxxx
- Initially four parts:
  - Part 1: Overview and fundamental principles
  - Part 2: Architecture
  - Part 3: Integration and mapping methodology
  - Part 4: Integration model
- Part 4 will form the basis for a maintained Integration Model Register (IMR)
  - Procedures for registration developed for AP221 and ISO 15926 may be applicable

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## Timescales

- This week
  - Discuss and seek consensus on the approach
  - Work on New Work Item Proposals (initial “strawman” is available)
  - Brief PPC and Change Management
  - Review NWI Proposals with Chair, Secretariat, ISO CS representative
  - Assess likely P-member and A-liaison support
- Immediately following San Francisco meeting:
  - Finalize NWI Proposals, submit to SC4 Secretariat for ballot
  - NWI Proposal Ballot start 1999-03-01?

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## Timescales (continued)

- Lillehammer meeting (1999-06-05/11)
  - NWIP Ballot results available?
  - Formal project initiation (if approved)
- New Orleans meeting (1999-11-07/12)
  - present Working Drafts to WG10
- Q1 2000 - Committee Draft ballots
- Q3 2000 - Ballot of P-members to approve Technical Specifications
- Q4 2000 - Publication of Technical Specifications

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